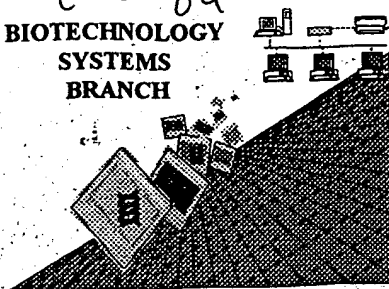


RAW SEQUENCE LISTING **ERROR REPORT**

CD 64-10-01 0280
BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/800,629

Source: OIPE

Date Processed by STIC: 3/27/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/800,629

DATE: 03/27/2001
 TIME: 08:57:23

Does Not Comply
 Corrected Diskette Needed

Input Set : A:\ISPH-527SEQ.txt
 Output Set: N:\CRF3\03272001\I800629.raw

3 <110> APPLICANT: Dean, Nicholas M.
 4 Karras, James G
 5 McKay, Robert
 6 Manoharan, Muthiah
 8 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
 9 TRANSDUCTION
 11 <130> FILE REFERENCE: ISPH-0537
 13 <140> CURRENT APPLICATION NUMBER: US/09/800,629
 14 <141> CURRENT FILING DATE: 2001-03-07
 16 <150> PRIOR APPLICATION NUMBER: PCT/US00/07318
 17 <151> PRIOR FILING DATE: 2000-03-17
 19 <150> PRIOR APPLICATION NUMBER: 09/280,799
 20 <151> PRIOR FILING DATE: 1999-03-26
 23 <160> NUMBER OF SEQ ID NOS: 210
 26 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

161 <210> SEQ ID NO: 3
 162 <211> LENGTH: 20 *10 shown*
 163 <212> TYPE: DNA
 164 <213> ORGANISM: Artificial Sequence
 165 <220> FEATURE:
 166 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 169 <400> SEQUENCE: 3
 E--> 170 aagagcgagcag *(20) 10*
 2126 <210> SEQ ID NO: 172
 2127 <211> LENGTH: 20 *19*
 2128 <212> TYPE: DNA
 2129 <213> ORGANISM: Artificial Sequence
 2130 <220> FEATURE:
 2131 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 2134 <400> SEQUENCE: 172
 E--> 2135 tggatcagc cctctggagc *(20) 19*
 2616 <210> SEQ ID NO: 210
 2617 <211> LENGTH: 15
 2618 <212> TYPE: DNA
 2619 <213> ORGANISM: Artificial Sequence
 2620 <220> FEATURE:
 2621 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 2624 <400> SEQUENCE: 210
 2625 tcaacctaga acttc 15
 E--> 2627 *(5)*
delete at end of file

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/800,629

DATE: 03/27/2001

TIME: 08:57:25

Input Set : A:\ISPH-527SEQ.txt

Output Set : N:\CRF3\03272001\I800629.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:154 M:283 W: Missing Blank Line separator, <220> field identifier
L:165 M:283 W: Missing Blank Line separator, <220> field identifier
L:170 M:254 E: No. of Bases conflict, LENGTH:Input:20 Counted:10 SEQ:3
L:170 M:252 E: No. of Seq. differs, <211>LENGTH:Input:20 Found:10 SEQ:3
L:176 M:283 W: Missing Blank Line separator, <220> field identifier
L:186 M:283 W: Missing Blank Line separator, <220> field identifier
L:196 M:283 W: Missing Blank Line separator, <220> field identifier
L:206 M:283 W: Missing Blank Line separator, <220> field identifier
L:216 M:283 W: Missing Blank Line separator, <220> field identifier
L:227 M:283 W: Missing Blank Line separator, <220> field identifier
L:237 M:283 W: Missing Blank Line separator, <220> field identifier
L:239 M:283 W: Missing Blank Line separator, <400> field identifier
L:246 M:283 W: Missing Blank Line separator, <220> field identifier
L:256 M:283 W: Missing Blank Line separator, <220> field identifier
L:266 M:283 W: Missing Blank Line separator, <220> field identifier
L:277 M:283 W: Missing Blank Line separator, <220> field identifier
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L:309 M:283 W: Missing Blank Line separator, <220> field identifier
L:319 M:283 W: Missing Blank Line separator, <220> field identifier
L:330 M:283 W: Missing Blank Line separator, <220> field identifier
L:341 M:283 W: Missing Blank Line separator, <220> field identifier
L:351 M:283 W: Missing Blank Line separator, <220> field identifier
L:362 M:283 W: Missing Blank Line separator, <220> field identifier
L:373 M:283 W: Missing Blank Line separator, <220> field identifier
L:384 M:283 W: Missing Blank Line separator, <220> field identifier
L:395 M:283 W: Missing Blank Line separator, <220> field identifier
L:405 M:283 W: Missing Blank Line separator, <220> field identifier
L:416 M:283 W: Missing Blank Line separator, <220> field identifier
L:427 M:283 W: Missing Blank Line separator, <220> field identifier
L:438 M:283 W: Missing Blank Line separator, <220> field identifier
L:449 M:283 W: Missing Blank Line separator, <220> field identifier
L:460 M:283 W: Missing Blank Line separator, <220> field identifier
L:471 M:283 W: Missing Blank Line separator, <220> field identifier
L:482 M:283 W: Missing Blank Line separator, <220> field identifier
L:492 M:283 W: Missing Blank Line separator, <220> field identifier
L:503 M:283 W: Missing Blank Line separator, <220> field identifier
L:514 M:283 W: Missing Blank Line separator, <220> field identifier
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L:547 M:283 W: Missing Blank Line separator, <220> field identifier
L:558 M:283 W: Missing Blank Line separator, <220> field identifier
L:569 M:283 W: Missing Blank Line separator, <220> field identifier
L:580 M:283 W: Missing Blank Line separator, <220> field identifier
L:591 M:283 W: Missing Blank Line separator, <220> field identifier
L:602 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/800,629

DATE: 03/27/2001

TIME: 08:57:25

Input Set : A:\ISPH-527SEQ.txt

Output Set: N:\CRF3\03272001\I800629.raw

L:613 M:283 W: Missing Blank Line separator, <220> field identifier
L:624 M:283 W: Missing Blank Line separator, <220> field identifier
L:635 M:283 W: Missing Blank Line separator, <220> field identifier
L:646 M:283 W: Missing Blank Line separator, <220> field identifier
L:657 M:283 W: Missing Blank Line separator, <220> field identifier
L:668 M:283 W: Missing Blank Line separator, <220> field identifier
L:2135 M:254 E: No. of Bases conflict, LENGTH:Input:20 Counted:19 SEQ:172
L:2135 M:252 E: No. of Seq. differs, <211>LENGTH:Input:20 Found:19 SEQ:172
L:2627 M:254 E: No. of Bases conflict, LENGTH:Input:5 Counted:15 SEQ:210